

## Native Chicken Egg White Ovalbumin (OVAL)

**Cat. No.:** AP2F22

**Product Type:** Animal Proteins

**Size:** 100 mg; 1 g

### Product Overview

BioVenic's Native Chicken Egg White Ovalbumin (OVAL) is a native protein derived from Chicken Egg White.

### Specifications

Type	Native Protein
Species	Chicken
Source	Egg White
Purity	>95% (SDS-PAGE)
Predicted Molecular Weight	43 kDa
Physical State	Liquid
Formulation	PBS, pH 7.4.

### Target Information

Ovalbumin is encoded by the chicken *OVAL* gene. It is the most prominent protein found in egg white, making up 60-65% of the total protein mass. Ovalbumin displays sequence and three-dimensional homology to the serpin superfamily, although it differs from most serpins in that it is not a serine protease inhibitor. Ovalbumin adopts a serpin-like structure. Its relative molecular mass is approximately 42.7 kDa.

Protein	Chicken Ovalbumin (OVAL)
Protein Synonym	Ovalbumin; allergen Gal d II; clade (ovalbumin); egg albumin; member 14; plakalbumin; serpin peptidase inhibitor
Gene ID	<a href="#">396058</a>
UniProt ID	<a href="#">P01012</a>

### Shipping and Storage

Store at -20°C or -80°C for up to 6 months. The lyophilized form has a shelf life of up to 12 months at -20°C or -80°C. This product is shipped with gel ice packs. Avoid repeated freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.